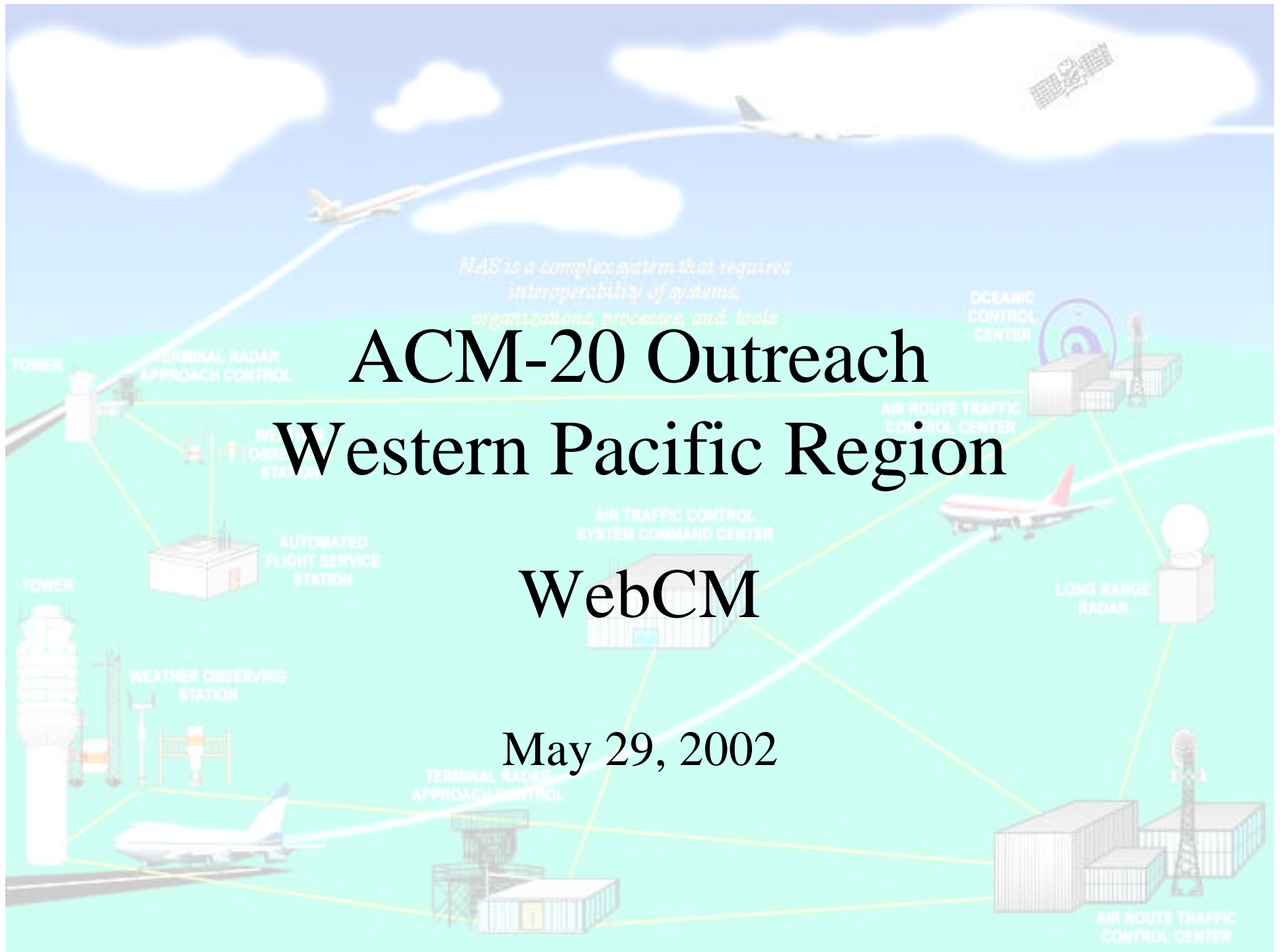


NAS is a complex system that requires interoperability of systems, organizations, processes and tools

ACM-20 Outreach Western Pacific Region

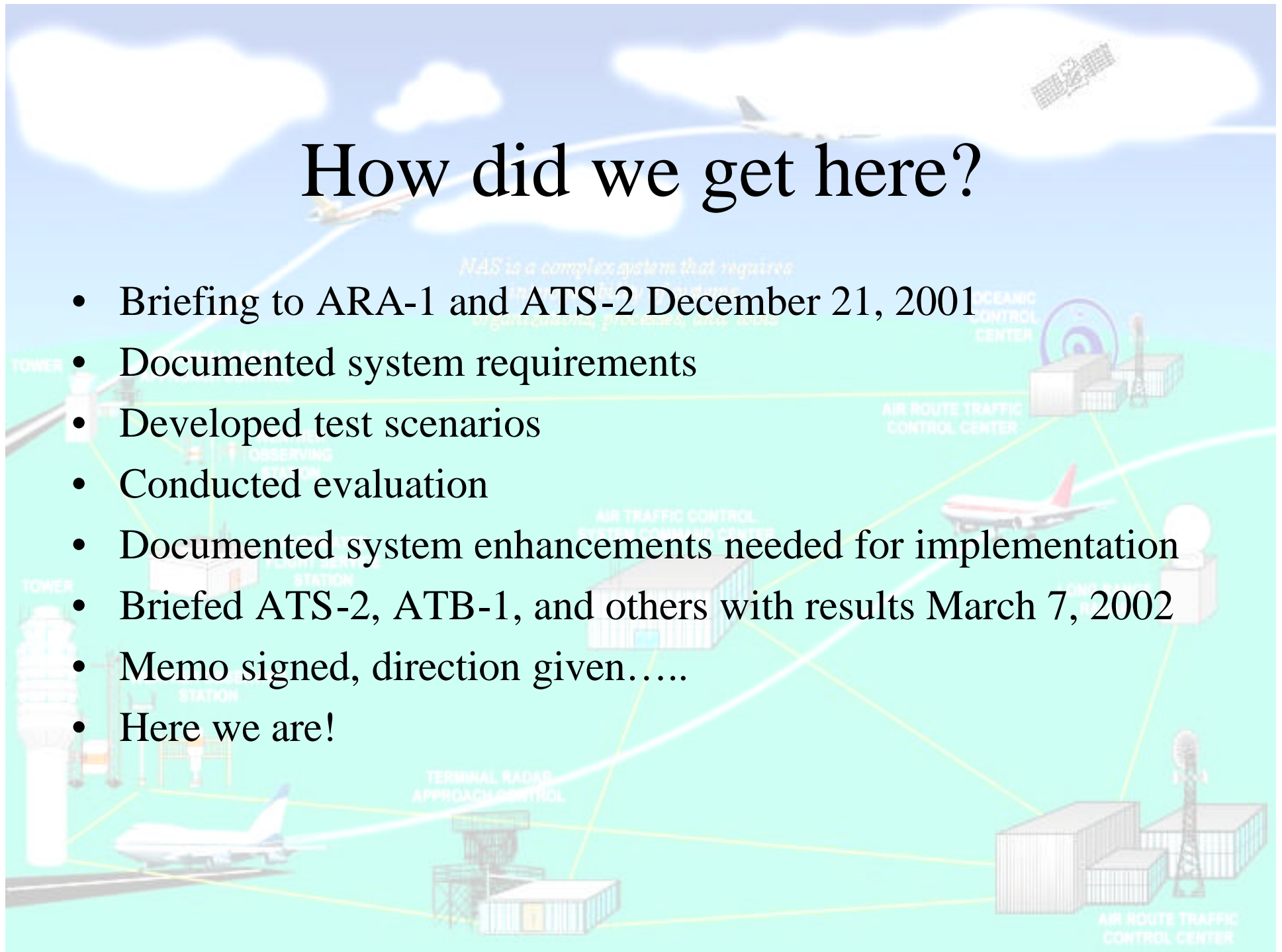
WebCM

May 29, 2002



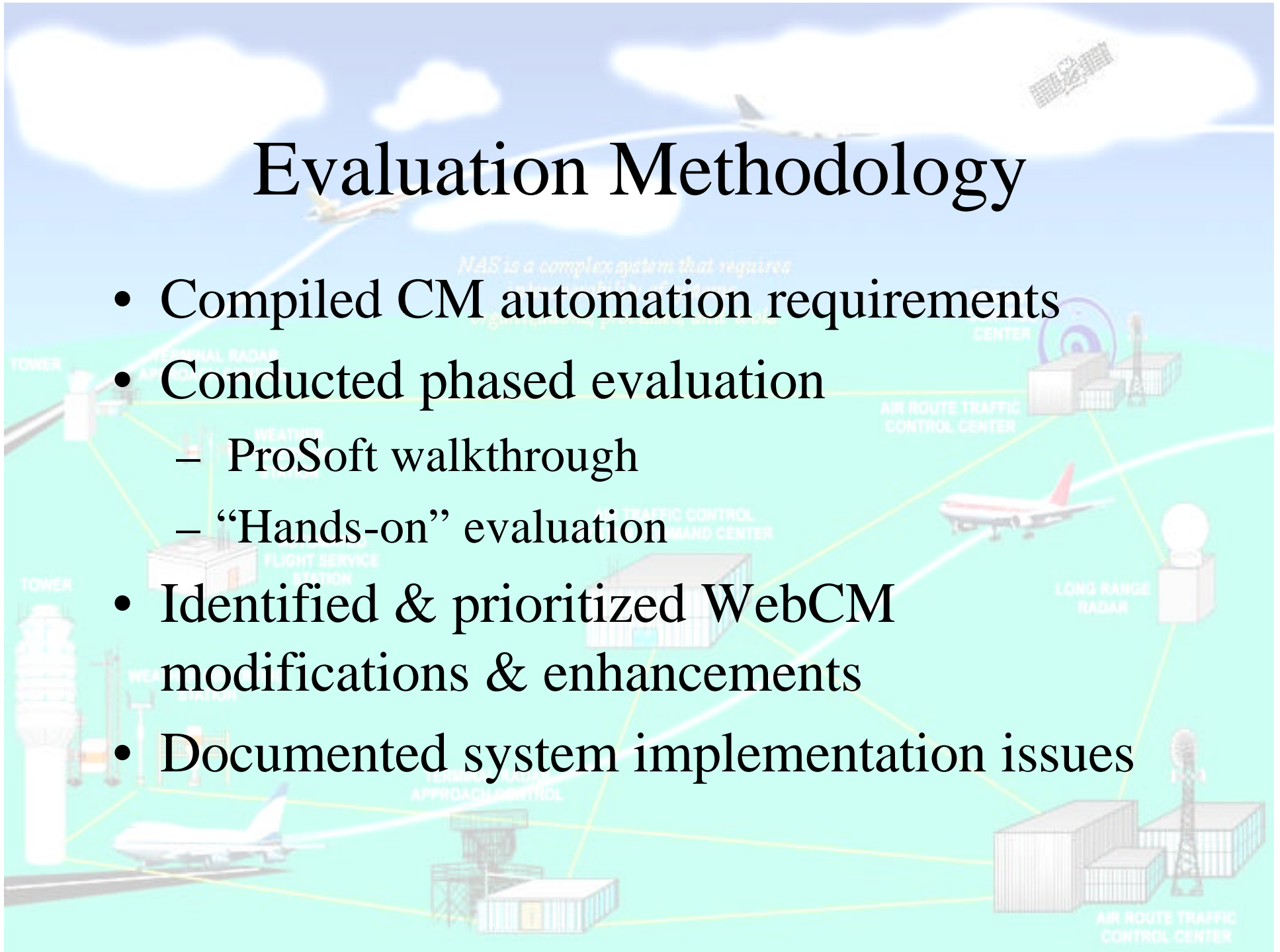
How did we get here?

- Briefing to ARA-1 and ATS-2 December 21, 2001
- Documented system requirements
- Developed test scenarios
- Conducted evaluation
- Documented system enhancements needed for implementation
- Briefed ATS-2, ATB-1, and others with results March 7, 2002
- Memo signed, direction given.....
- Here we are!



Evaluation Methodology

- Compiled CM automation requirements
- Conducted phased evaluation
 - ProSoft walkthrough
 - “Hands-on” evaluation
- Identified & prioritized WebCM modifications & enhancements
- Documented system implementation issues



Evaluation Findings

Strengths	Weaknesses
<ul style="list-style-type: none">➤ It Exists Today – Regional Pilot Program➤ WebCM meets majority of requirements➤ Provides automated NCP workflow that creates FAA CM documentation, such as 1800-2, 1800-49➤ Consistent with the intent of FAA Order 1800.66➤ Application Platform & Features<ul style="list-style-type: none">- Web-based application- Centralized server capability that uses existing FAA Intranet infrastructure- Oracle RDBMS capability- Alias, reassignment and TDY capabilities- Built-in Problem Report functionality- Accepts DOCCON data➤ Responsiveness and domain expertise of ProSoft, Inc.	<ul style="list-style-type: none">➤ Lack of Process and Business Rules Documentation<ul style="list-style-type: none">- Ability to handle all key roles and scenarios- Visibility into Data Model, Definitions & Elements➤ Data Concerns<ul style="list-style-type: none">- Data relationships & normalization- CI to CI linkages➤ Cumbersome System and Data Administration➤ System Design Concerns<ul style="list-style-type: none">- Not intuitive for general user- On-line help incomplete & inconsistent

Benefits

A Web-based tool that.....

- Implements the NAS Change Proposal (NCP) process governed by FAA Order 1800.66 CH-1
- Standardizes core CM processes through enabling workflow and document management functionality.
- Facilitates the creation, review, approval and disposition of Case File/NCP forms.
- Manages attachments and reference documents necessary related to a Case File/NCP.
- Provides integrated notification of pending tasks through e-mail notification
- Provides status of in-process Case Files/NCPs.
- Supports Configuration Control Boards (CCBs) and creation of CCDs
- Enhances the integrity and reliability of CM information by minimizing or eliminating redundant data and document sources.

WebCM is a key component of the Performance-Based Integrated Collaborative Environment (pb-ICE) tool suite.

Major Milestones

- NAS is a complex system that requires integration of systems, organizational processes, and tools*
- ✓ Complete WebCM Evaluation
 - Incorporate Modifications Identified from Evaluation
 - Obtain Union Concurrence
 - Obtain Information Systems Security (ISS) Approval
 - Achieve Initial Operating Capability (IOC)
 - Conduct Training
 - Implement for ATB
 - Implement Nationally



Demonstration



WebCM Main Features

N4S is a complex system that requires interoperability of systems, organizations, processes, and tools

- A overview of the major features and functionality
- Experience the “look and feel” of the interface
- Understand the basic capabilities

- *Later..... Test Drive - An opportunity for you to try it out.*